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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

WSP:217 US

First Inventor

Lothar Ackermann

Title

Process and Device for Growing Single Crystals

Express Mail Label No.

EF155673980US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Certificate of Mailing Express No. EF155673980US

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application information:

Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name

Dunn & Associates

P.O. Box 10

Address

City

Newfane

State

New York

Zip Code

14108

Country

U.S.A.

Telephone

716-433-1661

Fax

716-433-1665

Name (Print/Type)

Michael L. Dunn

Registration No. (Attorney/Agent)

25,330

Signature



Date

Aug 22, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

08/22/03

6076 U.S. PTO

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

966.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Lothar Ackerman
Examiner Name	
Art Unit	
Attorney Docket No.	WSP:217 US

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number
Deposit Account Name

04-1790

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			750.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			216.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	2053 130	1812 2,520	2052 25	Surcharge - late provisional filing fee or cover sheet	
1812 2,520	2053 130	1804 920*	2052 25	Non-English specification	
1804 920*	1812 2,520	1805 1,840*	2052 25	For filing a request for ex parte reexamination	
1805 1,840*	1804 920*	1251 110	2052 25	Requesting publication of SIR prior to Examiner action	
1251 110	1805 1,840*	1252 410	2052 25	Requesting publication of SIR after Examiner action	
1252 410	2251 55	1253 930	2052 25	Extension for reply within first month	
1253 930	2252 205	1254 1,450	2052 25	Extension for reply within second month	
1254 1,450	2253 465	1255 1,970	2052 25	Extension for reply within third month	
1255 1,970	2254 725	1401 320	2052 25	Extension for reply within fourth month	
1401 320	2255 985	1402 320	2052 25	Extension for reply within fifth month	
1402 320	2401 160	1403 280	2052 25	Notice of Appeal	
1403 280	2402 160	1451 1,510	2052 25	Filing a brief in support of an appeal	
1451 1,510	2403 140	1452 110	2052 25	Request for oral hearing	
1452 110	2451 1,510	1453 1,300	2052 25	Petition to institute a public use proceeding	
1453 1,300	2452 55	1501 1,300	2052 25	Petition to revive - unavoidable	
1501 1,300	2453 650	1502 470	2052 25	Petition to revive - unintentional	
1502 470	2501 650	1503 630	2052 25	Utility issue fee (or reissue)	
1503 630	2502 235	1460 130	2052 25	Design issue fee	
1460 130	2503 315	1807 50	2052 25	Plant issue fee	
1807 50	2503 315	1806 180	2052 25	Petitions to the Commissioner	
1806 180	2503 315	8021 40	2052 25	Processing fee under 37 CFR 1.17(q)	
8021 40	2503 315	1809 750	2052 25	Submission of Information Disclosure Stmt	
1809 750	2503 315	1810 750	2052 25	Recording each patent assignment per property (times number of properties)	
1810 750	2503 315	1801 750	2052 25	Filing a submission after final rejection (37 CFR 1.129(a))	
1801 750	2503 315	1802 900	2052 25	For each additional invention to be examined (37 CFR 1.129(b))	
1802 900	2503 315		2052 25	Request for Continued Examination (RCE)	
	2503 315		2052 25	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Michael L. Dunn	Registration No. (Attorney/Agent)	25,330	Telephone	716-433-1661
Signature	<i>Michael L. Dunn</i>	Date	8-22-03		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

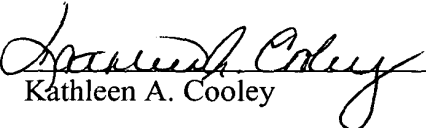
Docket No. WSP:217 US

CERTIFICATE OF MAILING

Express Mail Mailing Label No. EF155673980US

Date of Deposit August 22, 2003

I certify that this **PATENT APPLICATION** is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Kathleen A. Cooley